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Textile Organon

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MONTHLY REVIEW

Highlights

Third Quarter 1984 Shipments of Noncellulosic Yarn+Monofilaments Decline ... see page 204.

Third Quarter 1984 Production of Noncellulosic Staple+Tow Declines ... see page 205.

U.S. Exports of Man-Made Fiber Rise During Third Quarter 1984 ... see page 203.

Textile Organon Feature:

1984 Listing of Man-Made Fiber Producers ... begins on page 196.

In October, polyester textile yarn shipments rose for the third consecutive month and shipments of polyester industrial yarn rose to the highest level of the year.

Shipments of nylon textile yarn rose in October, while shipments of nylon carpet yarn remained unchanged from September.

Polyester staple+tow shipments rose in October, as did shipments of nylon staple+tow, but shipments of acrylic+modacrylic staple+tow fell.

Shipments of olefin yarn+monofilaments rose in October, while shipments of olefin+vinyon staple+tow fell.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *PERCENT*

ITEM	1984 OCT	1984 SEP	% [a]	1983 OCT	% [b]	YEAR TO DATE 1984	YEAR TO DATE 1983	% [c]
YARN+MONOFILAMENTS								
ACETATE	**14.1**	**14.3**	*-1.4*	**18.0**	*-21.7*	**172.5**	**188.4**	*-8.4*
NYLON[d] - INDUSTRIAL	32.4	30.7	*+5.5*	32.1	*+0.9*	311.0	258.0	*+20.5*
- LOW DENIER INDUSTRIAL	2.8	3.1	*-9.7*	3.2	*-12.5*	28.9	28.1	*+2.8*
- CARPET	69.7	69.7	*--*	66.8	*+4.3*	668.8	623.2	*+7.3*
- TEXTILE	28.7	29.2	*-1.7*	32.0	*-10.3*	298.7	317.0	*-5.8*
POLYESTER - INDUSTRIAL	28.4	25.2	*+12.7*	25.9	*+9.7*	265.7	255.7	*+3.9*
- LOW DENIER INDUSTRIAL	1.9	1.7	*+11.8*	2.4	*-20.8*	20.0	21.6	*-7.4*
- TEXTILE	78.6	72.0	*+9.2*	83.3	*-5.6*	714.5	841.4	*-15.1*
OLEFIN	58.0	57.2	*+1.4*	57.2	*+1.4*	591.5	595.7	*-0.7*
TOTAL NONCELLULOSIC ABOVE	**300.5**	**288.8**	*+4.1*	**302.9**	*-0.8*	**2999.1**	**2940.7**	*-1.4*
STAPLE+TOW+FIBERFILL								
RAYON	**30.7**	**28.7**	*+7.0*	**30.9**	*-0.6*	**327.4**	**312.3**	*+4.8*
NYLON[d]	74.4	66.3	*+12.2*	79.5	*-6.4*	703.9	765.2	*-8.0*
ACRYLIC+MODACRYLIC	53.3	55.6	*-4.1*	52.6	*+1.3*	566.3	551.4	*+2.7*
POLYESTER	182.7	179.1	*+2.0*	184.3	*-0.9*	1818.1	1824.7	*-0.4*
OLEFIN+VINYON	21.8	21.9	*-0.5*	18.8	*+16.0*	204.1	152.9	*-33.5*
TOTAL NONCELLULOSIC ABOVE	**332.2**	**322.9**	*+2.9*	**335.2**	*-0.9*	**3292.4**	**3294.2**	*-0.1*

-- means no change.

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

NOVEMBER, 1984

A MONTHLY REVIEW

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DATAGRAM

Third quarter production declines

Third quarter 1984 production of noncellulosic yarn and staple declined significantly from second quarter levels.

- Yarn. Production declined 6%.
- Staple. Production declined 7%.

But, when compared to third quarter 1983 levels --

- Yarn production is off 7%, and
- Staple production is off 5%.

Inventories are higher

Inventories have been running much higher this year than last for noncellulosic yarn and staple. For example, the third quarter of 1984 --

- Inventories of yarn are up 11% over third quarter 1983 levels, and
- Inventories of staple are up 28% over the same period last year.

Chemtex to build acrylic fiber plant in China

Chemtex, Japan, a subsidiary of Chemtex, Inc., New York, and two Japanese firms have signed an agreement to construct a 50,000 metric ton acrylic fiber plant in China by the fall of 1988. (DNR, 11/20/84)

Rhodia S.A. to acquire nylon plant from Celanese

Rhodia S.A., the Brazilian subsidiary of France's Rhone-Poulenc, plans to purchase Celanese do Brasil's nylon 66 fiber plant at Sao Bernardo do Campo, near Sao Paulo, Brazil. The move is a significant expansion for Rhodia in the nylon fibers market. (European Chemical News, 11/5/84)

Eastman to add polyester staple capacity

The Eastman Chemical Co. has announced it will increase its polyester staple capacity by 100 million pounds. The new capacity will be installed at its Columbia, S.C., plant, and is scheduled to be in place by late 1986. (DNR, 10/31/84)

Zimmer AG to build polyester filament plant in China

Zimmer AG, West Germany, has agreed to build a polyester filament yarn plant at Guangzhou, Canton Province, China. The plant is estimated to produce 3,000 metric tons annually. Zimmer is currently building two polyester POY spinning plants in Beijing and Taiyuan, China, and a third plant was recently completed at Nantong. (DNR, 9/28/84)

1984 DIRECTORY OF U.S. MAN-MADE FIBER PRODUCERS

NOTES & DEFINITIONS

This directory of producers is divided into the following categories:

(1) Cellulosic plus Noncellulosic Fibers
(2) Olefin fiber
(3) Textile glass fiber.

The locality shown represents a plant site. Unless shown separately, the Head Sales Office address is the same as the Executive Office address.

The generic fiber names used in this survey are those established by the U.S. Federal Trade Commission (FTC). The *italicized* words are trademarks. All other fiber names are generic and appear in regular type.

- Indicates a company producing olefin fiber as well as other man-made fiber(s). For example, Ametek produces olefin fiber (page 197) as well as nylon polyester and saran.
- Indicates a new plant, in the planning stage or under construction, or a new facility for producing a new product at an existing plant. Such facilities are not expected to be operable before 1985 or later.

Yarn means filament yarn.

Monofil means an extruded monofilament and may be either a round or a rectangular (ribbon) cross section. Monofilaments for bristles are excluded.

Film includes **Slit**: tape produced by slitting an already-attenuated wide sheet of olefin film; and **Split**: fibrillated slit film.

Not included in this survey is the slit film used for decorative or tying ribbon and such.

Rope includes braided and twisted rope as well as filler or core fiber.

Cordage is under 3/16" and includes typing and harvest (baler and binder) twine.

Industrial Goods means bags, bale wrap and protective covers, agricultural cloth, tarps and pool covers, etc.

Captive means that most or all of the fiber produced is consumed by the company in a vertical operation.

GENERIC NAMES & TRADEMARKS

The following are generic names, in **bold** type, and a brief description of the fibers covered by each name and are shown in regular type.

GLASS FIBER

This fiber is made in two primary forms: continuous strand and staple sliver. Continuous strand is drawn fiber (i.e., from a textile-type bushing), while staple sliver, which is produced in relatively small amounts, is a blown fiber. Textile glass fiber thus ***does not*** include the substantial poundages of blown glass wool and pack, e.g., mat for air & liquid filtration, acoustical & thermal insulation, battery mats & separators and underground pipe wrap (except reinforcing).

Yarn & Strand: Continuous filament yarn and strand packaged for sale as such. Includes the yarn and strand used in the manufacture of nonwoven scrim for sale as such.

Roving: Two or more ends of untwisted strand. Includes spun strand roving (a single, continuous strand looped back on itself to give the equivalent of two or more strands) and roving for making woven roving.

Mat: Mat in any nonwoven form as made from a continuous filament, i.e., continuous strand mat (filaments bonded with a suitable binder to form a membrane) and chopped strand mat (½" to 3" strands deposited in a random manner and resin bonded).

Chopped: Chopped yarn, strand or roving (⅛" to 3-¼" length).

Milled: Hammer-milled yarn, strand or roving (1/32" to ¼" length).

Staple Yarn & Silver: A blown fiber, as noted, and means ribbons of generally parallel glass staple (3" to 15" random lengths) with or without a filament yarn reinforcement, with or without a binder, and slightly condensed to an approximately uniform cross section.

CELLULOSIC (ARTIFICIAL) FIBERS

Acetate: Cellulose acetate. Cigarette filtration tow is excluded.

Triacetate: Cellulose acetate, wherein not less than 92% of the hydroxyl groups are acetylated.

Rayon: Regenerated cellulose, including substitutions for not more than 15% of the hydrogens of the hydroxyl groups. Includes high wet modulus fiber.

Cupra: Cuprammonium rayon.

The viscose rayon yarns are identified as **ind** (industrial or high tenacity yarn) and **reg** (regular or textile yarn).

NONCELLULOSIC (SYNTHETIC) FIBERS

Acrylic: At least 85% acrylonitrile by weight.

Modacrylic: 35% to 84% acrylonitrile by weight, except when it qualifies as rubber.

Azlon: Regenerated natural protein.

Nylon: A long chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings. The types are identified as 6, 66, etc. Where a company produces both type 6 and type 66, the designation 6/66 is used.

Aramid: A long chain synthetic polyamide in which at least 85% of the amide linkages are attached directly to two aromatic rings. In this survey, any aramid data are included with nylon.

Olefin: At least 85% ethylene, propylene or other olefin units by weight, except amorphous (noncrystalline) polyolefins qualifying as rubber. **E** means Polyethylene and **P** means Polypropylene. Also see adjoining notes on olefin fiber.

Polyester: At least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalate units, and parasubstituted hydroxybenzoate units.

Saran: At least 80% vinylidene chloride by weight.

Spandex: At least 85% of segmented polyurethane.

Vinyon: At least 85% vinyl chloride by weight.

Other man-made fibers included in this survey, but not listed by the FTC, are Polycarbonate and **TFE**- & **FEP**-fluorocarbon.

Not covered in this survey are fibers which would fall under the FTC's generic designations of rubber, lastrile, metallic and novoloid. Fibers falling under the FTC designations of anidex and nytril are no longer produced.

Carbon fibers are not included in this survey.

ALBANY INTERNATIONAL-MONOFILAMENT PLANT

EXECUTIVE OFFICE: 156 S. Main Street, Homer, NY 13077

Fluoro	Homer, NY *Halar, Kynar, Teflon, Tefzel* (monofil)
Nylon 6, 66, & 612	Homer (monofil)
Polyester	Homer (monofil-regular & hydrolysis-resistant)

ALLIED CORPORATION, CHEMICAL SECTOR, FIBERS DIVISION

EXECUTIVE OFFICE: 1411 Broadway, New York, NY 10018

REGIONAL SALES: 400 N. Tustin Ave., Santa Ana, CA 92705
1775 The Exchange, Suite 160, Atlanta, GA 30339
2100 Fiber Park Dr., Dalton, GA 30720
Friendship Center Office Park, Suite 108, Greensboro, NC 27409
64 South Miller Rd., Akron, OH 44313

Nylon 6	Columbia, SC & Hopewell, VA *A.C.E., Anso, Anso-Tex, Caprolan, Nypel* (yarn, monofil & staple)
Polyester	Moncure, NC *A.C.E.* (yarn & monofil)

AMERICAN CYANAMID COMPANY, FIBERS DIVISION

EXECUTIVE OFFICE: One Cyanamid Plaza, Wayne, NJ 07470

REGIONAL SALES: One Penn Plaza, New York, NY 10119
P.O. Box 32787, Charlotte, NC 28232

Acrylic	Milton, FL *Creslan* (staple & tow)

AMERICAN ENKA COMPANY
A PART OF AKZONA, INC.

EXECUTIVE OFFICE: Enka, NC 28728

REGIONAL SALES: Enka, NC 28728
111 W. 40th St., New York, NY 10018
616 Green Valley Rd., Greensboro, NC 27404
2106 Fiber Park Drive, Dalton, GA 30720

Nylon 6	Enka, NC, Central, SC & Lowland, TN *Anti-Cling Crepeset, Crepeset, Enkalon, Enkalure, Enkasheer, Lurelon, Softalon, T.E.N.* (yarn & staple)
Polyester	Lowland, TN *Crepesoft, Encron, Encron 8, Golden Glow, Golden Touch, Matte Touch, Plyloc, Polyextra, Shanton, Silky Touch, Ultra-Touch* (yarn & staple)
Rayon	Lowland, TN *Absorbit, Enkaire, Enkrome, Fiber 700, IT* (staple)

AMERICAN HOECHST CORPORATION

EXECUTIVE OFFICE: 202-206 North, Somerville, NJ 08876

HOECHST FIBERS INDUSTRIES DIVISION

EXECUTIVE OFFICE: 1515 Broadway, New York, NY 10036

REGIONAL SALES: 5601-77 Center Drive, Suite 250, Charlotte, NC 28210
California Mart, 110 E. 9th St., Los Angeles, CA 90079

Polyester	Spartanburg, SC *Trevira* (yarn, monofil, staple, & spunbonded)

AMETEK INC., SPECIAL FILAMENTS DIVISION•

EXECUTIVE OFFICE: Box 339, Odenton, MD 21113

Nylon 6, 66, 612 & 11	Odenton, MD (monofil)
Polyester	Odenton (monofil)
Saran	Odenton (Monofil)

AVTEX FIBERS INC.•

EXECUTIVE OFFICE: 3 Lee Rd. (Chesterbrook), P.O. Box 880, Valley Forge, PA 19482

SALES OFFICE: 1185 Avenue of the Americas, New York, NY 10036

REGIONAL SALES: 1 Fairview Plaza, 5950 Fairview Rd., Suite 501, Charlotte, NC 28210

Acetate	Meadville, PA (yarn)
Polyester	Lewistown, PA *Avlin* (yarn)
Rayon	Front Royal, VA *Aviloc, Avril, Avril II, Avril III, Avril Prima, Fibers 40 & 43* (ind yarn & staple)
Vinyon	Meadville (staple)

BADISCHE CORPORATION

EXECUTIVE OFFICE: Williamsburg, VA 23187

REGIONAL SALES: 5505 East Carson St., Lakewood, CA 90713
500 Holiday Avenue, The Badische Building, Dalton, GA 30720
111 West 40th St., New York, NY 10018

Acrylic	Williamsburg, VA *Zefran* (staple)
Nylon 6	Anderson, SC *Zeftron* (yarn & staple)

Badische Corp. has carpet yarn spinning plants at Allendale, SC and Sylvania, GA.

BERKLEY & CO. INC.•

EXECUTIVE OFFICE: Highways 9 & 71, Spirit Lake, IA 51360

Nylon 6	Spirit Lake, IA (monofil)

CAMAC CORPORATION•

EXECUTIVE OFFICE: P.O. Box 1004, Bristol, VA 24203

Nylon 6	Bristol, VA *Camalon* (yarn)

CELANESE FIBERS OPERATIONS
A DIVISION OF CELANESE CORPORATION
(Includes former Fiber Industries plants)

EXECUTIVE OFFICE: P.O. Box 32414, Charlotte, NC 28232

MARKETER: Celanese Fibers Operations, Marketing, 1211 Avenue of the Americas, New York, NY 10036

REGIONAL SALES: 110 E. 9th St., Room A 1229, Los Angeles, CA 90015
6650 Powers Ferry Rd. N.W., Atlanta, GA 30339
P.O. Box 32414, Charlotte, NC 28232
2950 W. Market St., Akron, OH 44313

Acetate	Rock Hill, SC *(Celriver)* & Narrows, VA *(Celco)*Celanese (yarn, staple & tow)
Polyester	Fayetteville, Salisbury & Shelby, NC and Darlington & Greenville, SC *Angelette, Ceylon, Comfort Fiber, ESP, Fortrel, Loftguard, PolarGuard, Serene, Superba* (yarn, staple, tow & fiberfill)
PBI	Rock Hill (staple)
Triacetate	Rock Hill *Arnel* (yarn, staple & tow)

CORTLAND LINE COMPANY

EXECUTIVE OFFICE: 67 E. Court St., P.O. Box 1362, Cortland, NY 13045

Nylon 6	Cortland, NY (monofil-captive)

COURTAULDS NORTH AMERICA INC.

EXECUTIVE OFFICE: 104 West 40th St., New York, NY 10018

REGIONAL SALES: P.O. Box 2648, Mobile, AL 36652

Rayon	Le Moyne, Mobile County, AL *Coloray, Courcel & Fibro* (fibers)
Nylon 6	Le Moyne, Mobile County, AL *Courtaulds, Shareen,* (yarn & monofil)

E. I. DU PONT DE NEMOURS & COMPANY (INC.)•
TEXTILE FIBERS DEPARTMENT•

EXECUTIVE OFFICE: Wilmington, DE 19898

REGIONAL SALES: 5500 Union Pacific Ave., City of Commerce, CA 00022
2 N. La Salle St., Suite 1905, Chicago, IL 60602
350 Fifth Ave., New York, NY 10118
6250 Fairview Rd., Charlotte, NC 28234
2770 W. Market St., Akron, OH 44313
50 North Broadway, Rumford, RI 02916
300 Franklin Bldg., Eastgate Center, Chattanooga, TN 37411

Acrylic	Camden, SC & Waynesboro, VA *Orlon* (staple & tow)
Aramid	Richmond *Kevlar* (yarn), *Nomex* (yarn, staple & tow)
Nylon 66	Seaford, DE, Camden, SC, Chattanooga, TN and Martinsville, Richmond & Waynesboro, VA *Antron, Cantrece, Cordura, Du Pont, Hyten* (yarn, monofil, staple & tow)
Polyester	Kinston & Wilmington, NC, Camden & Charleston, SC and Chattanooga & Old Hickory, TN *Dacron, Hollofil* (yarn, staple, tow & fiberfill), *Reemay* (spunbonded), *Sontara* (spunlaced)
Spandex	Waynesboro *Lycra* (fused multifil or coalesced monofil)

POLYMER PRODUCTS DEPARTMENT

EXECUTIVE OFFICE: see listing above

Nylon 6, 66, 612 & Polyester	Parkersburg, WV *Dacron, Dymetrol, Tynex & Vylor* (Monofil of 50 denier & coarser)

EASTMAN KODAK COMPANY
EASTMAN CHEMICALS DIVISION
EXECUTIVE OFFICE: Kingsport, TN 37662
MARKETER: EASTMAN CHEMICAL PRODUCTS, INC.
P.O. Box 431, Kingsport, TN 37662
REGIONAL SALES: New York: 1133 Avenue of the Americas, New York, NY 10036
California: California Mart, 110 E. 9th St., Los Angelos, CA 90015
Acetate Kingsport, TN *Chromspun, Estron* (yarn)
Polyester Kingsport, TN & Columbia, SC *Kodel* (yarn & staple)

FIRESTONE FIBERS & TEXTILES COMPANY
DIVISION OF FIRESTONE TIRE & RUBBER COMPANY
EXECUTIVE OFFICE: P.O. Box 1278, Gastonia, NC 28052
Polyester Hopewell, VA (yarn)

GLOBE MANUFACTURING CO.
EXECUTIVE OFFICE: 456 Bedford St., Fall River, MA 02720
Spandex Fall River, MA & Gastonia, NC *Cleerspan, DC-100, DC-700, Glospan* (fused multifil)

THE GOODYEAR TIRE & RUBBER COMPANY,
CHEMICAL DIVISION
EXECUTIVE OFFICE: Akron, OH 44316
Polyester Scottsboro, AL & Point Pleasant, WV (yarn-captive)

GUILFORD MILLS, GAINESVILLE DIVISION
EXECUTIVE OFFICE: 4925 West Market St., Greensboro, NC 27402
PLANT OFFICE: 455 Osborne St., S.E., Gainesville, GA 30501
Nylon 6 Gainesville, GA (yarn & monofil-captive)

HANOVER MILLS, INCORPORATED
Subsidiary of Falk Fibers & Fabrics Inc.
EXECUTIVE OFFICE: 2120 Pinecroft Road, Greensboro, NC 27407
REGIONAL SALES: 1450 Broadway, New York, NY 10018
2120 Pinecroft Road, Greensboro, NC 27407
Nylon 6 Yanceyville, NC *Hanover* (yarn & monofil)

JOHNSON FILAMENTS, INC.
Subsidiary of JWI Ltd.
EXECUTIVE OFFICE: Industrial Ave., Williston, VT 95495
Nylon 6/66 Williston, VT (monofil)
Polyester Williston (monofil)

KAYSER-ROTH CORPORATION,
YARN PROCESSING DIVISION
EXECUTIVE OFFICE: 2303 W. Meadowview Rd., Greensboro, NC 27407
Nylon 66 Creedmoor, NC (yarn-captive)

MONOFILAMENTS, INC.
EXECUTIVE OFFICE: 1401 Hopeman Pkwy., Waynesboro, VA 22980
Nylon 6/66 Waynesboro, VA (monofil)
Polycarbonate Waynesboro (monofil)
Polyester Waynesboro (monofil)

*The company also produces fusible nylon (monofil) at its Waynesboro facility

MONSANTO COMPANY
EXECUTIVE OFFICE: 800 N. Lindbergh Blvd., St. Louis, MO 63167

MONSANTO FIBERS & INTERMEDIATES COMPANY
REGIONAL SALES: 110 E. 9th St., Los Angeles, CA 90015
401 Dove St., Newport Beach, CA 92663
320 Interstate North Pkwy., Atlanta, GA 30339
Merchandise Mart, 222 North Bank Dr., Chicago, IL 60654
1460 Broadway, 11th Fl., New York, NY 10036
6230 Fairview Rd., Charlotte, NC 28210
260 Springside Dr., P.O. Box 5444, Akron, OH 44313
Acrylic Decatur, AL *Acrilan, Bi-Loft, Fi-Lana, Fondelle, Pa-Qel, Remember, So-Lara* (staple & tow)
Modacrylic Decatur *SEF* (staple & tow)
Nylon 66 Pensacola, FL & Greenwood, SC *Ultron* (yarn, monofil & staple), *Cerex* (spunbonded)

MONSANTO COMPANY (continued)
MONSANTO PLASTICS AND POLYMERS COMPANY
SALES OFFICE: 800 N. Lindbergh Blvd., St. Louis, MO 63167
Nylon 66 Pensacola *AstroTurf* (recreational & landscaping surfaces)

NORTH AMERICAN RAYON CORPORATION
EXECUTIVE OFFICE: 1011 Schaub Drive, Raleigh, NC 27606
REGIONAL SALES: 500 Fifth Ave., New York, NY 10110
Rayon Elizabethton, TN (ind & reg yarn and tow)

OMEGA YARNS, INC.
Subsidiary of Tietex Corp.
EXECUTIVE OFFICE: Blackstock Rd., P.O. Box 6218, Spartanburg, SC 29304
SALES OFFICE: 183 Madison Ave., New York, NY 10017
Polyester Asheboro, NC (yarn)

SHAKESPEARE COMPANY, MONOFILAMENT DIVISION
SALES OFFICE: 1801 Main St., P.O. Box 246, Columbia, SC 29202
Nylon 6/66 Columbia, SC *Sooflex, Superflex, S-3, Wonderthread* (monofil)
Polyester Columbia *Shakespeare Wonderthread* (monofil)

STAR FIBERS, INC.
EXECUTIVE OFFICE: 136 Fuller Rd., Albany, NY 12205
REGIONAL SALES: Edgefield, SC 29824
Nylon 6 Edgefield, SC *Starbrite* (staple)

TOLARAM FIBERS, INC.
EXECUTIVE OFFICE: P.O. Box 436, 525 Pineview Road, Ansonville, NC 27302
Polyester Ansonville, NC (yarn)

UNIVERSAL POLYMER PRODUCTS CORPORATION
Subsidiary of Falk Fibers & Fabrics Inc.
EXECUTIVE OFFICE: see **Hanover Mills.**
REGIONAL SALES: 1450 Broadway, New York, NY 10018
2120 Pinecroft Road, Greensboro, NC 27407
Polyester Fuquay-Varina, NC (yarn & monofil)

WELLMAN, INC., MAN-MADE FIBER DIVISION
EXECUTIVE OFFICE: 75 Federal St., Boston, MA 02110
REGIONAL SALES: 1200 East Morehead St., Charlotte, NC 28204
Nylon 6 Johnsonville, SC *Wellon* (staple & monofil)
Nylon 66 Johnsonville *Wellon, Wellstrand* (staple, tow, tops & monofil)
Polyester Johnsonville *Fillwell, Wellene, Wellstrand* (staple, tow & monofil)

YKK ZIPPER CO.
Polyester Macon, GA (yarn)

OLEFIN FIBER

ACS INDUSTRIES, INC.
EXECUTIVE OFFICE: 71 Villanova St., Woonsocket, RI 02895
PLANT: Woonsocket, RI (P yarn & staple)

ALADDIN CARPETS, INC.
PLANT: DALTON, GA (P yarn)

ALBANY INTERNATIONAL - MONOFILAMENT PLANT
EXECUTIVE OFFICE: see listing on page 197
PLANT: Homer, NY (P monofil)

AMERICAN MANUFACTURING COMPANY
EXECUTIVE OFFICE: 206 Willow Ave., Honesdale, PA 18431
REGIONAL SALES: 22310 S. Bonita Street, Carson, CA 90801
5854 Hollis St., Emeryville, CA 94608
2214 W. 21st Street, P.O. Box 52134, Jacksonville, FL 32201
6002 North 51st St., Tampa, FL 33610
500 Country Club Dr., Bensenville, IL 60106
1523 St. Ferdinand St., New Orleans, LA 70117
139 California St., Newton, MA 02158
1715 South 11th St., St. Louis, MO 63104
6827 E. Thornapple Dr., Gates Mills, OH 44040
2609 Leeland St., Houston, TX 77003
5050 First Avenue South, Seattle, WA 98134

AMERICAN MANUFACTURING COMPANY (continued)

HONESDALE ROPE DIVISION
PLANT: Honesdale, PA (E & P monofil & film)

LAFAYETTE ROPE DIVISION
PLANT: Lafayette, LA *Amco, American, Bondtie, Floterope* (E & P monofil)

AMERICAN POLYCRAFT
PLANT: Dalton, GA (P filas)

AMETEK INC., SPECIAL FILAMENTS DIVISION
EXECUTIVE OFFICE: see listing on page 197
PLANT: Odenton, MD (E & P monofil)

AMOCO FABRICS COMPANY
EXECUTIVE OFFICE: 550 Interstate North Pkwy., Atlanta, GA 30339
REGIONAL SALES: 15066 Shoemaker Ave., Santa Fe Springs, CA 90670
P.O. Box 911, Dalton, GA 30720
P.O. Box 3667, 604 Sheridan Avenue, Dalton, GA 30720
700 West 1st Street, Lowell, NC 28098
PLANTS: Andalusia & Roanoke, AL, Bainbridge, Hazlehurst & Nashville, GA, Lowell, NC and Afton, VA (P yarn, monofil, film & staple).

The company produces *PolyBac and Polybac FLW* primary carpet backing; *Action Bac* secondary carpet backing;*Amo Pave, Amo Weve and Propex* industrial goods; and *Marquesa* Lana, Patlon, Patlon Plus and Synera yarn at these locations.

ARLIN MFG. CO., INC.
EXECUTIVE OFFICE: 239 Industrial Ave., Lowell, MA 01853
PLANT: Lowell, MA (P film)

ARMSTRONG WORLD INDUSTRIES, INC.
EXECUTIVE OFFICE: Lancaster, PA 17604
PLANT: Charlotte, NC (P film-captive)
The company weaves carpet backing here.

AVTEX FIBERS, INC.
EXECUTIVE OFFICE: see listing page 197
PLANT: Front Royal, VA (staple).

BEAULIEAU OF AMERICA
PLANT: Dalton, GA (P yarn)

BEMIS COMPANY, INC.
EXECUTIVE OFFICE: 800 Northstar Center, Minneapolis, MN 55402
REGIONAL SALES: 2400 S. Second St., St. Louis, MO 63104
90 Park Ave., New York, NY 10016
PLANT: St. Louis, MO (P film)

BERKLEY & CO. INC.
EXECUTIVE OFFICE: see listing on page 197
PLANT: Spirit Lake, IA (E & P monofil-captive)

BLUE MOUNTAIN EXTRUSIONS
EXECUTIVE OFFICE: P.O. Box 100, Anniston, AL 36202
PLANT: Anniston, AL *Gold Medal, Poly Autotwine, Poly Macramé,* polylasting, TY-EZ Polytape, Tylon, Tytite (E & P film cordage and industrial yarn & tape)

BRIDON CORDAGE INC.
EXECUTIVE OFFICE: 909 16th St., Albert Lea, MN 56007
PLANT: Albert Lea, MN (P film cordage)

BURLINGTON, INC,
PLANT: Greensboro, NC (P yarn)

CAMAC CORPORATION
EXECUTIVE OFFICE: see listing on page 164
PLANT: Bristol, VA (P yarn)

CAVALIER CARPET CO
PLANT: Dalton, GA (P yarn)

CHASE BAG COMPANY
EXECUTIVE OFFICE: 2 Greenwich Plaza, Greenwich, CT 06830
PLANTS: Orange, CA & New Orleans, LA (P film industrial goods)

COLOR TREND, INC
PLANT: Dalton, GA

THE COLUMBIAN GROUP
DIVISION OF THE COLUMBIAN ROPE COMPANY
EXECUTIVE OFFICE: 1 Columbian Drive, Auburn, NY 13021
REGIONAL SALES: 90 Charter Oak Ave., San Francisco, CA 94124
600 St. George Ave., Jefferson, LA 70181
1003 Medina St., Houston, TX 77012
PLANTS: Jefferson, LA & Auburn, NY *Manipro, Poly K, Poly Twine,* Polypro 6, Radiant Twine (E & P monofil & film)

CONCORDE FIBERS, INC.
EXECUTIVE OFFICE: P.O. Box 200, Highway 45, Jamestown, SC 29453
PLANT: Jamestown, SC (P yarn)

CROWE ROPE COMPANY
EXECUTIVE OFFICE: Warren, ME 04864
PLANT: Warren, ME *Crowelon* (P monofil rope)

CROWN ZELLERBACH CORPORATION,
NONWOVEN FABRICS DIVISION
EXECUTIVE OFFICE: 1 Bush St., San Francisco, CA 94119
SALES HEADQUARTERS: 3720 Grant St., Washougal, WA 98671
PLANT: Washougal, WA *Celestra, Fibretex* (P spunbonded)

CUMBERLAND, INC.
PLANT: Dalton, GA (P yarn)

CUTLASS CARPET
PLANT: Dalton, GA (P yarn)

DIAMOND MILLS, INC.
PLANT: Dalton, GA (P yarn & film)

E. I. DU PONT DE NEMOURS & COMPANY (INC.)
TEXTILE FIBERS DEPARTMENT
EXECUTIVE OFFICE: see listing on page 197
PLANTS: Old Hickory, TN & Richmond, VA *Typar* (P spunbonded), *Tyvek* (E spunbonded)

ELIZABETH WEBBING MILLS CO., INC.
EXECUTIVE OFFICE: 521 Roosevelt Ave., Central Falls, RI 02862
PLANT: Central Falls, RI (P film)

ENSIGN-BICKFORD INDUSTRIES, INC.
FILM FIBERS DIVISION
EXECUTIVE OFFICE: 660 Hopmeadow St., Simsbury, CT 06070
PLANT: Simsbury, CT (P film)

EXXON CHEMICAL AMERICAS,
INDUSTRIAL TEXTILES DIVISION
DIVISION HEADQUARTERS: Hwy. 78 West, Summerville, SC 29483
MARKETING OFFICE: 380 Interstate North, Suite 375, Atlanta, GA 30339
PLANTS: Kingman, KS (P monofil & film cordage)
Summerville, SC (P monofil & film fabrics)
The company also weaves *Baxon* & *Fuzzbak* carpet backing and packaging fabrics at Summerville, SC.

FIBERS & FABRICS OF GEORGIA, INC.
Subsidiary of Georgia Synthetics, Inc.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (E & P yarn, monofil & multifil)

The company also weaves carpet backing here.

FIBERS SOUTH, INC.
EXECUTIVE OFFICES: P.O. Box 189, Trussville, AL 35173
PLANT: Trussville, AL *Polystar, Trustite and Tyrite* (P film fiber, monofil, & tapes)

FNT INDUSTRIES, INC.
EXECUTIVE OFFICE: 927 First Street, Menominee, MI 49858
PLANT: Menominee, MI (E monofil)

FIBRON CORPORATION OF TENNESSEE
Subsidiary of Harbour Group Ltd.
EXECUTIVE OFFICE: Clayton, MO
PLANT: Chattanooga, TN *Fibri-Cord, Fibri-Knit, Fibrilawn, Fibrilon* (P film)

FILAMENT FIBER TECHNOLOGY INCORPORATED
EXECUTIVE OFFICE: 999 Airport Road, Lakewood, NJ 08701
PLANT: Lakewood, NJ (P yarn)

GENERAL FIBERS & FABRICS, INC.
EXECUTIVE OFFICE: Orchard Hill Rd., LaGrange Industrial Park, LaGrange, GA 30240
PLANT: LaGrange, GA (P film)
The company also weaves *Supertuft* carpet backing as well as bagging and woven polypropylene fabrics here

GEORGIA SYNTHETICS, INC.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (E & P yarn, monofil & multifil)

Also see listing for **Fibers & Fabrics of Georgia, Inc.**

GLADDING CORP., CORDAGE DIVISION
EXECUTIVE OFFICE: Gladding St., South Otselic, NY 13155
PLANT: South Otselic, NY (P monofil)

HERCULES INCORPORATED,
HERCULES ENGINEERED & FABRICATED PRODUCTS COMPANY, FIBERS
EXECUTIVE OFFICE: Hercules Plaza, Wilmington, DE 19894
MARKETING HEADQUARTERS: 3169 Holcomb Bridge Rd., Suite 301, Norcross, GA 30071
REGIONAL SALES: 280 Railroad Ave. Greenwich, CT 06830
PLANT: Oxford, GA *Herculon* (P yarn & staple)

THE HOOVEN & ALLISON COMPANY
EXECUTIVE OFFICE: 677 Cincinnati Ave., Xenia, OH 45385
PLANT: Xenia, OH (P film cordage)

INTEGRATED PRODUCTS, INC.
PLANT: Rome, GA (P staple)

J & J INDUSTRIES
PLANT: Dalton, GA (P yarn)

KELLER INDUSTRIES, INC.
EXECUTIVE OFFICE: 18000 State Rd. #9, North Miami, FL 33162
PLANT: Swainsboro, GA (P monofil - captive)
The company weaves outdoor furniture webs here.

KIMBERLY-CLARK CORPORATION
EXECUTIVE OFFICE: 1400 Holcomb Bridge Road, Roswell, GA 30076
PLANTS: Corinth, MS, Balfour, NC & Neenah, WI *Accord, Duraguard, Evolution* (P spunbonded), *Cyclean* (P spunbonded /meltblown laminate), *Evolution II, Safeguard CPF* (P spunbonded meltblown & P meltblown)

LAMBETH CORPORATION
EXECUTIVE OFFICE: 627 Tarkiln Hill Rd., New Bedford, MA 02745
PLANT: New Bedford, MA *Lambeth* (E & P monofil)

LAWRENCE HOSE COMPANY
A Consolidated Foods Company
SALES OFFICE: P.O. Box 1838, Burlington, NC 27215
PLANT: Burlington, NC (E monofil-captive)

LORETEX
DIVISION OF OIVIND LORENTZEN, INC.
EXECUTIVE OFFICE: 522 Fifth Ave., New York, NY 10036
REGIONAL SALES: Northeastern Industrial Park, Guilderland Center, NY 12505
PLANT: Guilderland Center, NY (E film-captive)

MIRAFI INC.
Subsidiary of Dominion Textiles
EXECUTIVE OFFICE: P.O. Box 240967, Charlotte, NC 28224
PLANT: Moultrie, GA (P film-captive)

NSI, INC.
ADMINISTRATIVE OFFICE: Box 658, Soperton, GA 30457
PLANT: Soperton, GA (P film-captive)
The company weaves carpet backing here.

THE OSTERNECK COMPANY
EXECUTIVE OFFICE: P.O. Box 859, Lumberton, NC 28359
PLANT: Lumberton, NC (P film)
The company weaves carpet backing and industrial goods here.

PHILLIPS FIBERS CORPORATION
Subsidiary of Phillips Petroleum Company
EXECUTIVE OFFICE: P.O. Box 66, Interstate 85, Greenville, SC 29602
PLANTS: Rocky Mount, NC, Seneca, SC and Spartanburg, SC *Marvess* (P yarn, staple & tow)
The company also manufactures *Duon, Petromat, Rufon* and *Supac* nonwoven fabrics at Seneca, SC.

POLYLOOM CORP OF AMERICA
EXECUTIVE OFFICE: 1615 N. Broadway, P.O. Box 289, Dayton, TN 37321
PLANT: Dayton, TN *Polyloom* (P split film)

SARLON INDUSTRIES, INC.
EXECUTIVE OFFICE: 775 N.W. 71st Street, Miami, FL 33150
PLANT: Miami, FL (P monofil & film)

SHUFORD MILLS, INC.
EXECUTIVE OFFICE: Highland Ave. & 15th St., N.E., Hickory, NC 28601
PLANT: Hickory, NC (P film, cordage and twine)

SOLUTION FIBERS INC.
PLANT: Dalton, GA (P yarn)

SOUTHERN WEAVING, INC.
PLANT: Greenville, SC (P yarn)

SUNSHINE CORDAGE CORPORATION
EXECUTIVE OFFICE: 7250 N.W. 41st St., Miami, FL 33166
PLANT: Miami, FL *Cala-Line, Oletex, Poncar, Sunshine, Sunylon, Sunypool* (E & P monofil)

SYNTHETIC INDUSTRIES
EXECUTIVE OFFICE: 309 Lafayette Rd., Chickamauga, GA 30707
PLANTS: Chickamauga, GA & Houston, TX (P film-captive)
The company weaves slit film carpet backing and industrial fabrics.

TECHNOTRADE
PLANT: Dalton, GA (P yarn)

TUBBS CORDAGE COMPANY
EXECUTIVE OFFICE: 660 Bryant St., P.O. Box 7986, San Francisco, CA 94120
REGIONAL SALES: P.O. Box 709, Orange, CA 92666
2045 No. 15th Ave., Melrose Park, IL 60160
5501 Jefferson Highway, Harahan, Jefferson Parish, LA 70123
1355 West Front St., Plainfield, NJ 07063
1311 Palmer St., Houston, TX 77003
415 South Fidalgo St., Seattle, WA 98108
PLANT: Orange, CA *Loktite* (P monofil & film)
The company's Yarn Division operates carpet yarn spinning facilities at Dos Palos and Porterville, CA.

TWINE PRODUCTS CORPORATION
EXECUTIVE OFFICE: 201 Dufossat, P.O. Box 15285, New Orleans, LA 70175
PLANT: New Orleans, LA (P film)

UNITED STATES ROPE COMPANY
EXECUTIVE OFFICE: 711 Hamilton Ave., Menlo Park, CA 94025
PLANT: Menlo Park, CA (P monofil)

WALL INDUSTRIES, INC.
EXECUTIVE OFFICE: P.O. Box G, Beverly, NJ 08010
PLANT: Elkin, NC (E & P monofil rope & cordage)

WALTRICH PLASTIC CORPORATION
EXECUTIVE OFFICE: P.O. Box 19, Route 522, Tennent, NJ 07763
PLANT: Tennent, NJ (P monofil)

WAYN-TEX INC.
EXECUTIVE SALES OFFICE: Box 648, Dalton, GA 30720
PLANT: Waynesboro, VA
The company weaves *Wayntuf* primary carpet backing. (captive)

WELLINGTON-PURITAN MILLS (MONTAIR DIV.)
EXECUTIVE OFFICE: Nelson St., Pilot Mountain, NC 27041
PLANT: Pilot Mountain, NC *Pur-Ty, Welltite* (E & P monofil & film)

WELLINGTON SYNTHETIC FIBRES, INC.
EXECUTIVE OFFICE: 52 Courtland St., Paterson, NJ 07503
PLANTS: Leesville & Summerville, SC (P yarn & monofil)
The company also weaves outdoor furniture webs at Leesville.

The following companies are also producing a variety of textile products from olefin:**Cirtex** (P film); Conwed Corp. Conwed Plastic Netting (P embossed film for netting); **E.I. du Pont de Nemours & Company (Inc.)** (E & P embossed film for netting); **Hercules Incorporated, Polymers Division** *Delnet* (E embossed film for netting); **Nalle Inc.** (P embossed film for netting); **Riegel Products Corporation** *Polyweb* (P meltblown);**Stevens Linen** (P staple) and **The 3M Company** (P spunbonded).

TEXTILE GLASS FIBER

CERTAINTEED CORPORATION
FIBER GLASS REINFORCEMENTS DIVISION
EXECUTIVE OFFICE: P.O. Box 860, Valley Forge, PA 19482
REGIONAL SALES: P.O. Box 736, Bessemer, AL 35023
1801 E. Parkcourt Pl., Bldg. D., Suite 104, Santa Ana, CA 92701
1300 S. Harbor City Blvd., Suite 11, Melbourne, FL 32901
854 Fairway Drive, Bensenville, IL 60106
533-A Muv Len Rd., Olathe, KS 66061
1276D Washington St., Weymouth, MA 02189
1450 Souter St., Troy, MI 48083-2986
5555 Airport Hwy., Toledo, OH 43615
1400 Union Meeting Road, Blue Bell, PA 19422
West Oak Square Offices, 4009 Anderson Mill Rd., Spartanburg, SC 29301
4811 Lebanon Road, Hermitage, TN 37076
1401 Pioneer Parkway West, Arlington, TX 76013
9317 N.E. Highway 99, Unit D, Vancouver, WA 98665
PLANT: Wichita Falls, TX (roving, woven roving, mat, chopped strand & combination product)

F.G.I. FIBERS, INC.
EXECUTIVE OFFICE: Homestead Place, Amsterdam, NY 12010
PLANT: Amsterdam, NY (roving & chopped)

LUNDY TECHNICAL CENTER
EXECUTIVE OFFICE: Pompano Beach, FL 33064
PLANT: Pompano Beach, FL *RoMHOglas* (metallized glass fiber roving & strand and nonwoven metallized glass mat)

MANVILLE CORPORATION,
FILTRATION & MINERALS DIVISION
EXECUTIVE OFFICE: P.O. Box 5108, Ken-Caryl Ranch, Denver, CO 80217
REGIONAL SALES: 7500 Dutch Rd., Waterville, OH 43566
PLANTS: Waterville, OH & Etowah, TN *Chop-Pak* (mat, chopped strand and staple yarn & sliver)

NICOFIBERS INC.
EXECUTIVE OFFICE: Ironpoint Rd., Shawnee, OH 43782
PLANT: Shawnee, OH *Conformat, Consurmat, Surmat* (mat)

OWENS-CORNING FIBERGLAS CORPORATION
EXECUTIVE OFFICE: Fiberglas Tower, Toledo, OH 43659
REGIONAL SALES: 10816 Executive Center Drive, Suite 207, Little Rock, AR 72211
5933 Telegraph Road, Los Angeles, CA 90040
477 Forbes Blvd., S. San Francisco, CA 94080
2700 Augustine Dr., Suite 178, Santa Clara, CA 95054
4019 Woodcock Dr., Suite 109, Jacksonville, FL 32207
541 S. Rt. 441, Suite 3, Margate, FL 33068
4950 W. Kennedy Blvd., Suite 301, Tampa, FL 33609
6650 Powers Ferry Rd., Suite 200, Atlanta, GA 30339
2805-B Lincoln Ave., Evansville, IN 47714
2215 Sanders Rd., Northbrook, IL 60062
4410 Executive Blvd., Ft. Wayne, IN 46808
9000 Keystone Crossing, Suite 965, Indianapolis, IN 46240
Corporate Woods, 9300 W. 110th St., Bldg. 55-Suite 200, Overland Park, KS 66210
10401 Linn Station Rd., Suite 235, Louisville, KY 40223
25 Braintree Hill Park, Suite 305, Braintree, MA 02184
2075 W. Big Beaver Rd., Suite 500, Troy, MI 48084
One Appletree Square, Suite 1252, Bloomington, MN 55420
Bldg. 5601, 77 Center Dr., Suite 240, Charlotte, NC 28210
700 White Plains Rd., Scarsdale, NY 10583
5700 Pearl Rd., Suite 104, Cleveland, OH 44129
900 West Valley Rd., Suite 1101, Wayne, PA 19087
Brookside Office Park, #1 Harbison Way, Suite 208, Columbia SC 29210
Two Maryland Farms, Suite 236, Brentwood, TN 37027
6200 Baum Dr., Knoxville, TN 37919
12880 Hillcrest, Suite 100, Dallas, TX 75230
256 North Belt East, Suite 100, Houston, TX 77060
9601 McAllister, San Antonio, TX 78216
12301 N.E. 10th Place, Bellevue, WA 98005
Mayfair Bank Tower, Suite 150, 2300 N. Mayfair Rd., Milwaukee, WI 53226
PLANTS: Huntington, PA, Aiken & Anderson, SC, Jackson, TN & Amarillo, TX *Araton, Beta, Bi-Ply, Fiberglas, S-Glass, S-2 Glass* (yarn, roving, woven roving, mat, chopped, & milled)

PPG INDUSTRIES, INC.
FIBER GLASS PRODUCTS
EXECUTIVE OFFICE: One PPG Place, Pittsburgh, PA 15272
REINFORCEMENT PRODUCTS:
REGIONAL SALES: 1800 E. McFadden Ave., Suite 250, Santa Ana, CA 92705
880 Johnson Ferry Rd., N.E., Suite 220, Atlanta, GA 30342
4015 Executive Park Dr., Suite 100, Cincinnati, OH 45241
AUTOMOTIVE SALES OFFICE: 2155 West Big Beaver Rd., P.O. Box 3510, Troy, MI 48084
TEXTILE PRODUCTS: 30 Tower Lane, Avon Park South, Avon, CT 06001
1501 East Garrison Blvd., Suite 210, Gastonia, NC 28054
322 Park Ave., Scotch Plains, NJ 07076
PLANTS: Lexington & Shelby, NC *Azdel* (yarn, roving, mat, chopped strand, woven roving & rubber reinforcements)

REICHHOLD CHEMICALS, INC.
EXECUTIVE OFFICE: 525 N. Broadway, White Plains, NY 10603
REGIONAL SALES: 107 S. Motor Ave., Azusa, CA 91702
814 Commerce Dr., Oak Brook, IL 60521
P.O. Box 7212, Louisville, KY 40207
P.O. Box A, Andover, MA 01810
601-707 Woodward Heights Blvd., Detroit, MI 48220
P.O. Box 11051, Charlotte, NC 29209
8955 Katy Freeway, Suite 102, Houston, TX 77018
2340 Taylor Way, Tacoma, WA 98401

GLASS FIBERS DIVISION
PLANTS: 6230 Irwindale Ave., Box 2148, Irwindale, CA 91706 *Chemglas* (roving, chopped & milled); Fiber Glass Road, Nashville, TN 37210 (roving, woven roving, mat, chopped & milled)

TABLE 2: LOCATION OF U.S. MAN-MADE FIBER PRODUCT-PRODUCING PLANTS

STATES & AREA	CELLU-LOSIC	NONCELLULOSIC						TEX-TILE GLASS	GRAND TOTAL
		ACRYLIC	NYLON	OLEFIN	POLY-ESTER	OTHER	TOTAL		
NEW ENGLAND									
CONNECTICUT				1			1		1
MAINE				1			1		1
MASSACHUSETTS				2		1	3		3
RHODE ISLAND				2			2		2
VERMONT			1		1		2		2
TOTAL NEW ENGLAND			**1**	**6**	**1**	**1**	**9**		**9**
MID-ATLANTIC									
DELAWARE			1				1		1
MARYLAND			1	1	1	1	4		4
NEW JERSEY				2			2		2
NEW YORK			2	4	1	1	8	1	9
PENNSYLVANIA	1			1	1	1	3	1	5
TOTAL MID-ATLANTIC	**1**		**4**	**8**	**3**	**3**	**18**	**2**	**21**
PIEDMONT									
N. CAROLINA			3	10	9	1	23	2	25
S. CAROLINA	1	1	8	7	8	1	25	2	28
VIRGINIA	2	2	6	5	2	2	17		19
WEST VIRGINIA			1		2		3		3
TOTAL PIEDMONT	**3**	**3**	**18**	**22**	**21**	**4**	**68**	**4**	**75**
SOUTH									
ALABAMA	1	1	1	4	1		7		8
FLORIDA		1	1	2			4	1	5
GEORGIA			1	23	1		25		25
LOUISIANA				4			4		4
MISSISSIPPI				1			1		1
TENNESSEE	3		2	3	4		9	3	15
TEXAS				1			1	2	3
TOTAL SOUTH	**4**	**2**	**5**	**38**	**6**		**51**	**6**	**61**
MID-WEST & WEST									
CALIFORNIA				3			3	1	4
IOWA			1	1			2		2
KANSAS				1			1		1
MICHIGAN				1			1		1
MINNESOTA				1			1		1
MISSOURI				1			1		1
OHIO				1			1	2	3
WASHINGTON				1			1		1
WISCONSIN				1			1		1
TOTAL MIDWEST & WEST			**1**	**11**			**12**	**3**	**15**
TOTAL NUMBER OF PLANTS	**8**	**5**	**29**	**85**	**31**	**8**	**158**	**15**	**181**
TOTAL NUMBER OF STATES	**5**	**4**	**13**	**27**	**11**	**7**	**30**	**9**	**30**

Cellulosic includes rayon, acetate & triacetate; Acryl means acrylic & modacrylic; Nylon includes aramid.
Other noncellulosic includes 1 fluorocarbon, 1 fluoropolymer, 1 polycarbonate, 1 saran, 3 spandex and 1 vinyon.

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TEXTILE ECONOMICS BUREAU
101 Eisenhower Parkway
Roseland, New Jersey 07068

TABLE 3: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/70	1983					1984				
		1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	74	103	16	46	239	25	41	57		
OTHER[b]	310.0026	5019	3332	3803	3342	15496	4302	1965	1432		
MONOFILAMENTS	309.0110	11	4	5	23	43	0	2	10		
STRIPS	309.0210	0	12	5	23	40	56	0	3		
SUBTOTAL ABOVE		**5104**	**3451**	**3829**	**3434**	**15818**	**4383**	**2009**	**1502**		
STAPLE+TOW - RAYON	309.4222	7979	17999	8811	5329	40118	15469	17593	10684		
STAPLE - ACETATE	309.4219	593	688	417	1395	3093	629	780	377		
SUBTOTAL ABOVE		**8572**	**19687**	**9229**	**6724**	**43211**	**16098**	**18373**	**11061**		
WASTE, ADVANCED & NOT ADVANCED	309.7400	**381**	**161**	**239**	**602**	**1383**	**839**	**188**	**249**		
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	10913	10917	9730	8448	40008	10514	8259	5863		
- HIGH TENACITY[c]	310.0027	14240	14383	12544	14439	55606	15939	15366	16445		
- OTHER	310.0029	3587	3801	3932	4236	15580	4063	3447	2676		
POLYESTER - TEXTURED	310.0010	22202	16265	12050	11523	64040	14324	16827	25648		
- HIGH TENACITY[c]	310.0032	3369	3541	3191	2136	12237	2775	1615	2244		
- OTHER[d]	310.0034	1123	885	728	977	3713	1479	1135	1072		
OTHER - TEXTURED	310.0014	3147	3370	3441	2669	12631	1588	1365	2486		
- OLEFIN	310.0040	246	161	169	231	806	94	133	44		
- OTHER	310.0044	715	1407	725	763	3610	1444	1504	1164		
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	797	376	439	736	2350	630	701	556		
POLYESTER[e]	309.0140	540	769	871	745	2925	791	620	973		
OTHER	309.0170	2501	2512	2146	2671	9830	2990	2855	1656		
STRIPS	309.2220 & .2270	1047	802	575	818	3242	1094	1343	1095		
SUBTOTAL ABOVE		**64427**	**61315**	**50544**	**50382**	**226670**	**57725**	**51190**	**64032**		
STAPLE - NYLON	309.4240	3438	2806	3115	4159	13518	4222	3619	4241		
- POLYESTER	309.4242	30316	33213	13406	24318	101255	29077	33591	46554		
- ACRYLIC	309.4245	32262	31589	25346	25188	114385	37881	35386	47004		
- OLEFIN	309.4246	845	1033	961	859	3698	769	614	1521		
- OTHER	309.4247	3446	3409	2050	3069	11974	2552	1869	2242		
GROUPED FILAMENTS											
NYLON	309.3220	681	1136	822	776	3425	1067	462	801		
POLYESTER[e]	309.3240	9453	6876	5731	6830	28890	10322	5423	2753		
ACRYLIC	309.3250 & .3255	8204	8701	8994	8722	34621	8540	7127	10736		
SUBTOTAL ABOVE		**88655**	**88783**	**69427**	**73821**	**311786**	**94339**	**88337**	**115854**		
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	1737	2549	3404	4031	11841	3106	4113	2089		
POLYESTER	309.7630	11042	10247	5456	10728	40473	11394	15245	15272		
ACRYLIC	309.7640	276	404	600	745	2025	1166	1349	572		
OTHER	309.7660	4930	3046	4151	4813	16942	3963	4269	3488		
SUBTOTAL ABOVE		**17985**	**16246**	**16631**	**20317**	**71281**	**19629**	**28976**	**21441**		
TOTAL MAN-MADE FIBER ABOVE		**185104**	**189725**	**149890**	**155390**	**670117**	**193253**	**192902**	**214239**		
TEXTILE GLASS FIBER	309.2700 & .9700	10333	8804	9860	10416	39413	11531	15059	14188		
GRAND TOTAL ABOVE		**195437**	**197529**	**159758**	**165806**	**709530**	**204784**	**208051**	**228427**		

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 4: QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1982					1983					1984				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
	YARN-MONOFILAMENTS[a]														
ACETATE															
PRODUCTION	52.9	53.0	48.1	51.2	205.2	50.3	63.2	61.3	53.0	227.8	55.2	58.0	50.0		
SHIPMENTS - DOMESTIC	44.9	47.1	39.5	37.5	169.0	44.1	53.9	51.0	46.6	195.6	48.7	51.9	43.4		
- EXPORT	8.8	6.2	8.5	6.3	29.8	7.1	5.9	8.4	6.8	28.2	5.8	4.2	4.4		
TOTAL SHIPMENTS	53.7	53.3	48.0	43.8	198.8	51.2	59.8	59.4	55.4	225.8	54.5	56.1	47.8		
ENDING STOCK	12.5	13.2	11.3	10.7		9.8	12.2	14.1	12.5		13.2	13.1	15.3		
NYLON[b]															
PRODUCTION	299.9	309.0	312.1	320.6	1241.6	311.5	375.0	392.3	412.8	1492.2	400.9	407.9	393.3		
SHIPMENTS - DOMESTIC	281.6	296.5	292.7	294.8	1165.6	295.0	359.1	356.4	379.9	1392.4	385.1	370.7	348.9		
- EXPORT	26.8	23.8	26.0	25.5	102.1	25.4	27.0	27.3	25.5	105.2	29.9	30.1	29.1		
TOTAL SHIPMENTS	308.4	320.3	318.7	320.3	1267.7	320.4	386.1	395.7	405.4	1497.6	395.0	400.8	378.0		
ENDING STOCK	143.8	132.5	125.9	126.2		117.3	106.8	113.4	120.8		126.7	133.8	136.1		
OLEFIN[c]															
PRODUCTION	154.3	146.9	142.6	141.4	585.2	160.8	188.9	183.4	179.0	710.1	178.0	184.5	173.0		
SHIPMENTS - DOMESTIC	146.8	145.0	144.5	140.7	577.0	160.6	184.2	182.1	171.7	698.6	169.3	180.2	172.0		
- EXPORT	4.7	3.3	3.1	4.2	15.3	3.9	4.2	3.5	4.0	15.6	4.3	3.8	3.9		
TOTAL SHIPMENTS	151.5	148.3	147.6	144.9	592.3	164.5	188.4	185.6	175.7	714.2	173.6	184.0	175.9		
ENDING STOCK	64.5	63.1	59.1	54.6		56.9	55.4	53.2	56.5		60.9	61.4	59.3		
POLYESTER															
PRODUCTION	331.5	310.1	280.5	293.5	1213.6	322.6	361.5	327.0	347.6	1359.5	318.8	297.5	270.8		
SHIPMENTS - DOMESTIC	297.2	292.5	267.0	278.1	1134.8	306.3	342.6	307.2	338.3	1294.4	291.9	286.1	278.8		
- EXPORT	34.9	35.8	19.2	12.9	102.8	19.6	17.5	13.9	15.5	66.5	14.1	12.4	8.0		
TOTAL SHIPMENTS	332.1	328.3	286.2	291.0	1237.6	325.9	360.1	321.1	353.8	1360.9	306.0	298.5	286.8		
ENDING STOCK	122.4	112.2	106.5	93.0		95.9	97.3	103.0	97.0		110.4	109.4	102.4		
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	785.7	774.0	735.2	745.5	3040.4	801.1	924.0	903.3	939.4	3567.8	897.7	889.9	836.9		
SHIPMENTS - DOMESTIC	725.6	734.0	704.2	713.6	2877.4	761.9	885.9	847.7	889.9	3385.4	826.3	837.0	799.7		
- EXPORT	66.4	62.9	48.3	42.6	220.2	48.9	48.7	44.7	45.0	187.3	48.3	46.3	41.0		
TOTAL SHIPMENTS	792.0	796.9	752.5	756.2	3097.6	810.8	934.6	892.4	934.9	3572.7	874.6	883.3	840.7		
ENDING STOCK	330.7	307.8	290.5	279.8		270.1	259.5	270.4	274.5		298.0	304.6	300.8		
DOMESTIC SHIPMENTS	725.6	734.0	704.2	713.6	2877.4	761.9	885.9	847.7	889.9	3385.4	826.3	837.0	799.7		
IMPORTS - TEXTURED YARN[d]	2.0	3.1	3.7	6.1	14.9	4.7	5.3	5.7	7.3	23.0	12.4	13.3	12.0		
- OTHER YARN[d]	2.8	2.6	4.1	3.9	13.4	6.6	7.5	7.7	11.4	33.2	12.9	13.2	13.9		
- MONOFILAMENTS	0.4	0.4	0.4	0.3	1.5	0.4	0.4	0.4	0.5	1.7	1.0	0.7	0.8		
TOTAL IMPORTS	5.2	6.1	8.2	10.3	29.8	11.7	13.2	13.8	19.2	57.9	26.3	27.2	26.7		
TOTAL AVAILABLE	730.8	740.1	712.4	723.9	2907.2	773.6	899.1	861.5	909.1	3443.3	852.6	864.2	826.4		
	TEXTILE GLASS FIBER														
PRODUCTION	207.0	209.0	241.0	240.0	899.2	245.1	273.1	313.2	335.9	1167.2	333.3	337.0			
SHIPMENTS - DOMESTIC	190.5	214.8	227.8	228.4	861.5	246.6	294.4	301.9	323.2	1166.1	305.1	340.8			
- EXPORT	11.5	10.3	11.2	9.9	42.9	8.4	8.7	9.7	10.6	37.4	11.7	14.8			
TOTAL SHIPMENTS	202.0	225.1	239.0	238.3	904.4	255.0	303.1	311.6	313.8	1183.5	316.8	355.6			
ENDING STOCK	151.8	136.5	138.5	141.0		131.1	101.1	102.7	124.7		141.2	122.6			
IMPORTS	3.8	3.2	3.7	3.4	14.1	4.8	5.3	4.2	5.7	20.0	7.8	5.7			
TOTAL AVAILABLE	194.3	218.0	231.5	231.0	875.6	251.4	299.7	306.1	306.9	1106.1	312.9	346.5			

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

N/A means not available at press time.

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Data for rayon and "Other" noncellulosic yarns (chiefly saran & spandex) are available annually only; see pages 36 & 37 of the March/April 1984 issue for further details on these yarns.

b. Includes Aramid in 1982.

c. Also include film fiber as well as spunbonded polypropylene.

d. Include singles and plied.

e. Acetate staple+tow data are available annually only; see pages 36 & 37 of the March/April 1984 issue for further details.

f. These figures are composites of the nylon, acrylic+modacrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4336, .4342, .4345 & .4346.

TABLE 5: QUARTERLY MAN-MADE FIBER DATA *(Continued)*

MILLION POUNDS

ITEM	1982					1983					1984				
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR
	STAPLE+TOW*														
RAYON															
PRODUCTION	96.2	86.7	87.8	84.3	355.0	92.6	92.1	92.1	98.0	374.8	104.0	103.7	94.0		
SHIPMENTS - DOMESTIC	77.6	69.8	72.1	74.2	293.7	80.1	83.0	84.6	85.8	333.5	90.7	82.5	81.6		
- EXPORT	13.4	16.8	15.3	21.0	66.5	6.9	11.7	15.1	10.2	43.9	11.3	20.3	10.3		
TOTAL SHIPMENTS	91.0	86.6	87.4	95.2	360.2	87.0	94.7	99.7	96.0	377.4	102.0	102.8	91.9		
ENDING STOCK	36.3	36.4	36.8	25.9		31.5	28.9	21.3	23.3		25.3	26.2	28.3		
DOMESTIC SHIPMENTS	77.6	69.8	72.1	74.2	293.7	80.1	83.0	84.6	85.8	333.5	90.7	82.5	81.6		
IMPORTS FOR CONSUMPTION															
STAPLE	3.5	2.4	3.7	2.3	11.9	2.1	3.9	3.3	3.5	12.8	4.4	3.2	3.9		
GROUPED FILAMENTS	0.3	0.4	0.4	0.4	1.5	0.2	0.2	0.2	0.3	0.9	0.4	0.3	0.5		
TOTAL IMPORTS	3.8	2.8	4.1	2.7	13.4	2.3	4.1	3.5	3.8	13.7	4.8	3.5	4.4		
TOTAL AVAILABLE	81.4	72.6	76.2	76.9	307.1	82.4	87.1	88.1	89.6	347.2	95.5	86.0	86.0		
NYLON*															
PRODUCTION	140.5	169.3	191.1	184.1	685.0	196.4	234.9	252.4	242.7	926.4	220.9	216.6	193.0		
SHIPMENTS - DOMESTIC	141.9	170.8	185.8	174.8	673.3	196.0	243.5	236.2	221.4	897.1	211.1	210.6	194.5		
- EXPORT	4.1	4.2	3.1	5.2	16.6	3.3	3.7	3.0	4.1	14.1	5.6	3.1	4.6		
TOTAL SHIPMENTS	146.0	175.0	188.9	180.0	689.9	199.3	247.2	239.2	225.5	911.2	216.7	213.7	199.1		
ENDING STOCK	59.3	53.6	55.8	59.9		57.0	44.7	57.9	75.1		79.3	82.2	76.1		
IMPORTS	1.0	0.7	5.0	4.8	11.5	5.6	7.6	6.1	8.4	27.7	7.9	7.8	12.1		
TOTAL AVAILABLE	142.9	171.5	190.8	179.6	684.8	201.6	251.1	242.3	229.8	924.8	219.0	218.4	206.6		
ACRYLIC+MODACRYLIC															
PRODUCTION	149.6	171.1	158.5	144.9	624.1	160.4	178.4	168.8	162.9	670.5	171.7	174.9	164.7		
SHIPMENTS - DOMESTIC	108.1	127.9	113.6	108.3	457.9	120.1	129.3	127.9	114.9	492.2	120.6	124.2	107.7		
- EXPORT	46.4	41.5	42.7	43.7	174.3	41.3	44.9	35.3	41.0	162.5	48.5	51.3	60.7		
TOTAL SHIPMENTS	154.5	169.4	156.3	152.0	632.2	161.4	174.2	163.2	155.9	654.7	169.1	175.5	168.4		
ENDING STOCK	60.2	61.9	64.1	57.0		56.0	60.2	65.8	72.8		75.4	74.8	71.1		
IMPORTS	2.0	1.3	1.7	2.9	7.9	2.3	3.9	4.0	3.4	13.6	3.3	3.8	3.9		
TOTAL AVAILABLE	110.1	129.2	115.3	111.2	465.8	122.4	133.2	131.9	118.3	505.8	123.9	128.0	111.6		
OLEFIN+VINYON															
PRODUCTION	35.8	30.8	37.6	34.0	138.2	37.9	42.9	49.9	58.9	189.6	57.3	61.8	64.4		
SHIPMENTS - DOMESTIC	29.3	39.9	36.4	33.3	138.9	39.7	44.1	45.1	54.5	183.4	53.7	61.0	62.7		
- EXPORT	0.6	0.6	1.6	2.1	4.9	0.7	1.9	2.6	1.1	6.3	3.8	0.6	0.5		
TOTAL SHIPMENTS	29.9	40.5	38.0	35.4	143.8	40.4	46.0	47.7	55.6	189.7	57.5	61.6	63.2		
ENDING STOCK	31.6	21.9	21.5	20.1		17.6	14.5	16.7	20.0		19.8	20.0	21.2		
POLYESTER															
PRODUCTION	538.7	459.6	447.4	509.5	1955.2	492.0	559.3	561.7	571.1	2184.1	561.6	573.5	531.4		
SHIPMENTS - DOMESTIC	437.3	445.3	428.9	456.0	1767.5	487.6	540.4	538.1	533.1	2099.2	514.2	527.7	483.4		
- EXPORT	86.4	28.3	25.8	33.6	174.1	30.1	22.4	21.8	24.3	98.6	32.8	34.6	42.7		
TOTAL SHIPMENTS	523.7	473.6	454.7	489.6	1941.6	517.7	562.8	559.9	557.4	2197.8	547.0	562.3	526.1		
ENDING STOCK	189.2	175.2	167.9	187.8		162.1	158.6	160.4	174.1		188.7	199.9	205.2		
IMPORTS	1.9	1.7	1.8	1.9	7.3	2.8	2.1	4.1	12.5	21.5	7.8	5.5	5.2		
TOTAL AVAILABLE	439.2	447.0	430.7	457.9	1774.8	490.4	542.5	542.2	545.6	2120.7	522.0	533.2	488.6		
TOTAL NONCELLULOSIC															
PRODUCTION	864.6	830.8	834.6	872.5	3402.5	886.7	1015.5	1032.8	1035.6	3970.6	1011.5	1026.8	953.5		
SHIPMENTS - DOMESTIC	716.6	783.9	764.7	772.4	3037.6	843.4	957.3	947.3	923.9	3671.9	899.6	923.5	848.3		
- EXPORT	137.5	74.6	73.2	84.6	369.9	75.4	72.9	62.7	70.5	281.5	90.7	89.6	108.5		
TOTAL SHIPMENTS	854.1	858.5	837.9	857.0	3407.5	918.8	1030.2	1010.0	994.4	3953.4	990.3	1013.1	956.8		
ENDING STOCK	340.3	312.6	309.3	324.8		292.7	278.0	300.8	342.0		363.2	376.9	373.6		
DOMESTIC SHIPMENTS	716.6	783.9	764.7	772.4	3037.6	843.4	957.3	947.3	923.9	3671.9	899.6	923.5	848.3		
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE	4.9	3.7	8.5	9.6	26.7	10.7	13.6	14.2	24.3	62.8	19.0	17.1	21.2		
OTHER N.C. STAPLE	1.8	3.8	4.0	1.9	11.5	2.7	2.5	1.5	3.6	10.3	4.6	4.2	5.3		
GROUPED FILAMENTS	2.9	3.1	2.9	4.1	13.0	5.4	8.1	6.1	8.9	28.5	11.0	9.5	9.6		
TOTAL IMPORTS	9.6	10.6	15.4	15.6	51.2	18.8	24.2	21.8	36.8	101.6	34.6	30.8	36.1		
TOTAL AVAILABLE	726.2	794.5	780.1	788.0	3088.8	862.2	981.5	969.1	960.7	3773.5	934.2	954.3	884.4		

See footnotes on opposite page.

TABLE 6: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1984												9 MONTHS	
	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1984	1983
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	55	5	0	0	0	0	0	6	0				66	207
CANADA	42	12	327	45	366	250	316	308	246				1912	1268
MEXICO	163	120	55	41	41	0	40	70	41				571	856
AUSTRIA	0	0	0	0	0	0	0	0	0				0	1317
GERMANY, FED. REP. OF	714	327	396	256	405	159	571	457	313				3598	1640
NETHERLANDS	28	40	40	57	49	24	65	53	99				455	411
UNITED KINGDOM	0	0	+	0	0	0	0	22	35				57	326
JAPAN	74	86	62	23	104	+	35	33	83				500	364
REP. OF KOREA	60	0	40	0	80	0	0	10	+				190	80
ALL OTHER COUNTRIES[a]	0	1	43	27	27	12	4	375	15				504	115
TOTAL CELL. YARN	**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**				**7853**	**6584**
CELLULOSIC STAPLE+TOW														
CANADA	803	884	919	390	568	688	376	780	842				6250	3863
AUSTRIA	390	70	219	282	189	94	152	38	196				1630	1299
FRANCE	16	18	7	2	0	38	0	0	1				82	78
SWEDEN	164	432	190	92	402	190	1195	0	46				2711	2684
UNITED KINGDOM	225	81	42	60	136	38	44	61	89				776	345
JAPAN	116	47	162	134	121	98	135	96	213				1122	1354
TAIWAN	0	0	0	0	0	0	0	37	0				37	96
ALL OTHER COUNTRIES[b]	0	+	0	+	1	0	42	1	1				45	96
TOTAL CELL. STAPLE	**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**				**12653**	**9815**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	1284	1467	1745	2221	1742	1936	1432	984	1341				14152	6132
MEXICO	1317	1796	1574	1486	1101	1125	961	1074	1200				11634	3266
FRANCE	224	222	104	133	125	95	225	303	307				1738	1284
GERMANY, FED. REP. OF	846	1097	2010	1482	2459	1494	1844	851	1303				13386	4747
ITALY	199	569	390	407	642	559	1049	481	203				4499	1779
NETHERLANDS	54	95	26	17	5	114	76	91	85				563	218
SPAIN	95	225	2	0	1	+	0	+	0				323	1137
SWITZERLAND	17	101	71	51	9	12	86	23	42				412	626
UNITED KINGDOM	531	89	366	204	289	128	1184	293	440				3524	2119
ISRAEL	111	72	84	43	148	169	348	182	106				1263	900
JAPAN	1131	1338	1660	1574	1640	813	1869	1246	965				12236	7675
REP. OF KOREA	42	55	37	24	13	13	3	102	3				292	552
TAIWAN	122	+	60	36	109	56	72	37	35				527	215
SOUTH AFRICA	347	563	112	450	695	85	326	63	132				2773	576
ALL OTHER COUNTRIES[c]	231	233	75	108	234	133	388	218	253				1873	355
TOTAL N.C. YARN	**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5948**	**6415**				**69195**	**31581**
NONCELLULOSIC STAPLE+TOW														
CANADA	1028	1102	1219	943	1727	1186	1435	966	534				10140	5386
COSTA RICA	155	354	237	249	114	82	53	357	473				2074	556
MEXICO	2812	2217	1451	1342	1629	1179	1328	1210	1431				14599	7222
BELGIUM	32	61	38	41	40	69	121	0	19				421	264
FRANCE	483	507	834	512	149	121	346	302	231				3485	5671
GERMANY, FED. REP. OF	1965	1587	2599	2064	2636	2371	5285	2062	3138				23707	12493
ITALY	1182	791	1234	1519	983	749	2264	552	1009				10283	7279
NETHERLANDS	88	140	76	63	1	0	140	18	48				574	555
SWITZERLAND	22	+	113	58	57	2	22	20	59				353	168
UNITED KINGDOM	1306	1060	1711	1113	1512	885	1387	606	1289				10869	11396
AUSTRALIA	0	24	0	0	0	0	14	0	22				60	91
ISRAEL	45	28	0	30	30	0	26	2	0				161	112
JAPAN	1334	926	1361	1092	1430	574	2013	846	1843				11419	9848
REP. OF KOREA	0	40	62	120	40	0	64	4	22				352	296
TAIWAN	826	471	1576	1265	941	539	1436	1073	1338				9465	2339
ROMANIA	138	98	299	488	56	0	222	85	136				1522	451
SOUTH AFRICA	0	213	0	82	0	0	81	48	27				451	89
ALL OTHER COUNTRIES[d]	394	88	278	191	53	2	446	124	22				1598	477
TOTAL N.C. STAPLE	**11810**	**9707**	**13088**	**11172**	**11398**	**7759**	**16683**	**8275**	**11641**				**101533**	**64693**

+ Means a nominal poundage.

Other countries supplying 1984 poundages are:

a. Australia 3, Belgium 36, France 357, Italy 35, Switzerland 21 and Taiwan 52.

b. Belgium 1, Brazil +, Federal Republic of Germany +, Mexico 1, Netherlands, 42 and Thailand 1.

c. Australia 130, Austria 277, Belgium 64, Brazil 184, Costa Rica 294, Denmark 32, Finland 1, Hong Kong 7, Iceland +, India 1, Iran 7, Ireland 53, Morocco 1, Norway 121, People's Republic of China +, Portugal 1, Romania 551, Singapore 6, and Sweden 143.

d. Austria 71, Brazil 817, Denmark 62, Finland 80, Honduras 75, Hong Kong 2, Ireland 45, Poland 13, Portugal 41, Singapore 26, Spain 25, Sweden 86, and Turkey 255.

TABLE 7: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1984 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	9 MONTHS 1984	1983
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	0	0	38	79	184	9	217	802	100				1429	256
OTHER	310.0130 & .0230*	1136	585	880	359	878	420	814	511	677				6260	6005
MONOFILAMENTS	309.0310 & .0610	0	0	0	2	0	3	0	0	+				5	24
STRIPS, $1/LB & UNDER	309.2000*	0	6	45	9	10	13	0	21	55				159	299
SUBTOTAL ABOVE		**1136**	**591**	**963**	**449**	**1072**	**445**	**1031**	**1334**	**832**				**7853**	**6584**
STAPLE	309.4320 & .4325	1517	1483	1365	900	1209	1108	1826	900	1175				11483	9252
GROUPED FILAMENTS	309.3010 & .3110	197	49	174	60	208	38	118	113	213				1170	564
SUBTOTAL ABOVE		**1714**	**1532**	**1539**	**960**	**1417**	**1146**	**1944**	**1013**	**1388**				**12653**	**9816**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	**40**	**69**	**6**	**41**	**36**	**36**	**90**	**0**	**36**				**358**	**215**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0209	1064	1571	1615	2435	2016	1468	1566	781	872				13388	3063
- POLYESTER	310.0110 & .0210	821	1167	834	867	1172	837	1064	617	947				8326	893
- OTHER	310.0114 & .0214	651	604	649	613	837	746	791	798	848				6537	6004
OTHER - NYLON	310.0149 & .0249	2022	2221	2918	2099	2928	1974	3963	2129	2041				22315	9121
- POLYESTER	310.0150 & .0250	1328	1658	1618	1504	1707	1287	2005	981	1200				13288	8982
- OTHER	310.0170 & .0270*	202	274	310	281	247	166	192	261	112				2045	1873
MONOFILAMENTS	309.0200 & .0330*	383	325	282	336	243	132	175	291	321				2488	1228
STRIPS, OVER $1/LB	309.2100 & .2500*	80	102	90	101	62	122	87	90	74				808	417
SUBTOTAL ABOVE		**6551**	**7922**	**8316**	**8236**	**9212**	**6732**	**9863**	**5848**	**6415**				**69195**	**31581**
STAPLE - NYLON	309.4338	2921	2034	2936	3665	2450	1698	7722	1527	2825				27778	19256
- POLYESTER	309.4342	3115	2489	2224	1816	2156	1504	2134	1523	1583				18544	8953
- ACRYLIC	309.4345	1081	1257	913	1297	1652	871	1426	947	1530				10974	10210
- OLEFIN	309.4346	325	76	474	173	184	55	218	130	38				1673	793
- OTHER	309.4355	1109	969	1627	1551	1219	998	1867	1261	1874				12475	5927
GROUPED FILAMENTS															
NYLON	309.3030 & .3130	2271	1604	2787	1509	2033	1495	1831	1602	2529				17661	13832
POLYESTER	309.3040 & .3140	227	593	1026	611	793	641	444	730	640				5705	787
ACRYLIC	309.3050 & .3150	646	538	978	355	763	312	798	443	509				5342	4359
OTHER	309.3065 & .3165	115	147	123	195	148	185	243	112	113				1381	576
SUBTOTAL ABOVE		**11810**	**9707**	**13099**	**11172**	**11398**	**7759**	**16683**	**8275**	**11041**				**101533**	**64093**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2390	4767	2062	1623	1585	1218	7325	1835	2668				25473	18541
- POLYESTER	309.6630	634	810	621	775	459	341	1318	792	478				6228	9008
- ACRYLIC	309.6645	37	1	0	0	0	0	0	0	0				38	269
- OTHER	309.6660	139	213	452	265	308	214	690	265	667				3213	2461
NOILS & GARNETTED FIBERS	309.6000 & .7000*	57	62	12	0	15	74	23	27	32				302	160
OTHER WASTE, ADVANCED	309.7525 - .7555	105	300	179	299	218	228	449	509	313				2600	1565
SUBTOTAL ABOVE		**3362**	**6153**	**3326**	**2962**	**2585**	**2075**	**9805**	**3428**	**4158**				**37854**	**32004**
TOTAL MAN-MADE ABOVE		**24813**	**25974**	**27238**	**23820**	**25722**	**18195**	**39416**	**19998**	**24470**				**229448**	**144993**
OTHER MAN-MADE FIBER TOPS YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	+	0	0	0	0	0	0	0				+	1
- NONCELLULOSIC	310.1015[d] & .1109*	1108	1204	1068	968	610	791	957	1317	1443				9466	5774
OTHER - CELLULOSIC	310.1030 & .1135[f]	2	12	8	8	14	18	56	5	19				142	65
- NONCELLULOSIC	310.1050 & .1070*	146	84	162	183	517	305	304	171	255				2127	1797
SPUN YARN - CELLULOSIC	310.4005 & .4030*	104	52	136	91	186	227	173	91	208				1268	760
- OTHER	310.4015 & .4027	2641	3042	3050	2639	3069	3077	4580	3111	4279				29488	22706
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	1107	844	890	268	626	241	1022	340	789				6127	3632
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	410	459	657	401	477	203	501	421	647				4176	2266
SLIVER, TOPS & ROVING	309.9000	589	755	607	639	381	74	362	258	369				4034	3946
TEXTILE GLASS FIBER	309.2800 & .2900[j]	2128	2900	2813	1725	2452	1499	1857	2058	1275				18707	14329
GRAND TOTAL ABOVE		**32948**	**35326**	**36829**	**30742**	**34054**	**24630**	**49229**	**27770**	**33754**				**304981**	**200169**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

\+ Means a nominal poundage.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0685.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 8: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1984	1983
MAN-MADE FIBER DATA[b]						TOTAL SHIPMENTS[c]								
YARN+MONOFILAMENTS														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**15.9**	**17.6**	**14.3**	**14.1**			**172.5**	**188.4**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7	32.4			311.0	258.0
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1	2.8			28.9	28.1
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7	69.7			668.8	623.2
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	26.6	29.2	28.7			298.7	317.0
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	25.2	28.4			265.7	255.7
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7	1.9			20.0	21.6
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0	78.6			714.5	841.4
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9	60.8	57.2	58.0			591.5	595.7
TOTAL NONCELLULOSIC ABOVE	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**	**286.7**	**288.8**	**300.5**			**2899.1**	**2940.7**
STAPLE+TOW+FIBERFILL[i]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**	**33.4**	**28.7**	**30.7**			**327.4**	**312.3**
NYLON[e]	80.0	65.9	70.8	82.3	74.1	57.3	59.4	73.4	66.3	74.4			703.9	765.2
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6	53.3			566.3	551.4
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1	182.7			1818.1	1824.7
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9	21.8			204.1	152.9
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**289.2**	**344.7**	**322.9**	**342.2**			**3292.4**	**3294.2**
						END-OF-MONTH STOCK								
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**16.2**	**15.5**	**15.3**	**14.7**			**14.7**	**15.3**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6	28.0			28.0	23.1
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8	4.9			4.9	4.8
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7	62.7			62.7	49.0
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	46.0	45.3			45.3	39.3
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8	20.5			20.5	20.4
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1	4.4			4.4	2.6
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5	75.9			75.9	85.6
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3	59.4			59.4	56.3
TOTAL NONCELLULOSIC ABOVE	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**	**307.7**	**300.8**	**301.1**			**301.1**	**281.1**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**	**26.7**	**28.3**	**30.2**			**30.2**	**23.4**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1	71.3			71.3	60.3
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1	72.8			72.8	65.0
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2	204.5			204.5	176.4
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2	20.3			20.3	16.8
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.8**	**349.6**	**376.9**	**407.7**	**381.1**	**373.6**	**368.9**			**368.9**	**318.5**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	12.7					109.3	97.7
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7					7.0	6.9
TOTAL RAW WOOL	14.2	16.0	15.9	15.6	15.7	14.6	10.9	13.4					116.3	104.6
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	229.6	218.2	219.9			2282.5	2347.1

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 37 of the March/April issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 37 of the March/April issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 37 of the March/April issue.